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Claim Listing under 37 C.F.R. 1.121(c):

Amend claims 40-43, 45-46, 50, 54-59 and add claims 60-75 as follows and in accordance with 37 C.F.R. □ 1.121(c), by which the Applicant submits the following marked up version only for claims being changed by the current amendment, wherein the markings are shown by strikethrough (for deleted matter) and/or underlining (for added matter):

Claims 1-39 (canceled).

Claim 40 (Currently amended) A stringed musical instrument comprising:
an elongated neck;
~~a~~ and body attached to one end of the said neck,
a tremolo pivotably mounted on said body,
a plurality of strings with a first end and a second end,
~~a nut~~ means on said neck to form for supporting and forming a first critical point for and support at least one of said strings,
~~the said tremolo further comprising including~~
~~at least one bridge elements to forming a support and a second~~
~~critical point and to support for at least one of said strings,~~
a string anchor means engaging said second end of said at least one of said strings,
a base plate,
a spring holderattachment means,
counter springs with a first end and a second end, said first end of said counter springs connected to said body and said second end of said counter springs secured to said spring holderattachment means for counter balancing the tension of said of said at least one of said strings

1 wherein said base plate and said spring holder attachment-further means
2 comprises:

3 an unitary component formed from a single folded or bent
4 plate material with a base plate portion and a spring
5 holder attachment means portion so that said unitary component is
6 connected directly to the coupling biasing springs.

7 Claim 41 (Currently amended) An apparatus of claim 40 wherein said
8 string anchor means is located in said spring holder attachment means portion.

9 Claim 42 (Currently amended) An apparatus of claim 41 wherein said
10 string anchor means—comprises at least one string passageway within said spring
11 holder attachment means portion.

12 Claim 43 (Currently amended) An apparatus of claim 42 wherein said base
13 plate portion comprises at least one string holes for threading said at least one of
14 said strings and said at least one string passageway is aligned to at least one string
15 holes and openings in said base portion.

16 Claim 44 (Original) An apparatus of claim 40 wherein said base plate
17 portion is formed to create at least one tier for displacing the height of at least one
18 said bridge elements relative to said body.

20 Claim 45 (Currently amended) An apparatus of claim 40 wherein said
21 tremolo further comprises a fulcrum tremolo.

23 Claim 46 (Currently amended) An apparatus of claim 40 wherein said

1 Claim 47 (Original) An apparatus of claim 46 wherein said unitary
2 component is formed to create said at least one reinforcement brace.

4 Claim 48 (Original) An apparatus of claim 40 wherein said tremolo
5 includes a macro-tuner.

6 Claim 49 (Original) An apparatus of claim 40 wherein said tremolo
7 includes a global-tuner.

9 Claim 50 (Currently amended) An apparatus of claim 45 wherein said
10 fulcrum tremolo including a bearing means for adjustably mounting said fulcrum
11 tremolo on said body for pivotal displacement and said bearing means comprises
12 at least a portion of a ball bearing surface.

13 Claim 51 (Original) An apparatus of claim 42 wherein said tremolo
14 includes a global-tuner.

16 Claim 52 (Original) An apparatus of claim 44 wherein said tremolo
17 includes a macro-tuner.

19 Claim 53 (Original) An apparatus of claim 44 wherein said tremolo
20 includes a global-tuner.

21 Claim 54 (Currently amended) A stringed musical instrument comprising:
22 a body, and
23 a neck extending outwardly from said body.

1 a plurality of strings extending from said body to said neck, said strings
2 having a first end and a second end, said second end of said strings having an
3 anchoring portion that is thicker than the diameter of said string,

4 ~~means for forming a first critical point for each of said strings on said neck,~~
5 ~~means for forming a second critical point for each of said strings on a~~
6 ~~fulcrum tremolo,~~

7 said fulcrum tremolo includes a base plate,
8 said base plate being pivotally mounted about a fulcrum axis extending
9 transversely of said strings for changing the pitch of all said strings at one time as
10 said base plate is pivoted,

11 ~~a string anchor to ing means for receiving said anchoring portion located~~
12 ~~on said base,~~

13 ~~means for varying the spacing between said first and second critical points~~
14 ~~for changing the harmonic tuning,~~

15 wherein the improvement comprises that at least one string anchoring
16 means on opposite side of at least one said second critical point from said first
17 critical point is located a critical distance from said second critical point such that
18 said at least one string is rendered substantially inextensible between said second
19 critical point and said string anchoring means.

20
21
22 Claim 55 (Currently amended) An apparatus of claim 54 wherein said
23 anchoring portion comprise wrappings and the length of said wrappings being
24 slightly less than the distance between the second critical point and said string
25 anchoring means.

26
27
28 Claim 56 (Currently amended) Tuning apparatus for a stringed musical
29 instrument comprising:

30 a body, and
31 a neck extending outwardly from said body.

1 a plurality of strings extending from said body to said neck, said strings
 2 having a first end and a second end, said second end of said strings having an
 3 anchoring portion that is thicker than the diameter of said string,
 4 means for forming a first critical point for each of said strings on said neck,
 5 means for forming a second critical point for each of said strings on a
 6 fulcrum tremolo,
 7 said fulcrum tremolo includes a base plate, said base plate being pivotally
 8 mounted about a fulcrum axis extending transversely of said strings for changing
 9 the pitch of all said strings at one time as said base plate is pivoted,
 10 a mount ~~apparatus~~ to separate means for mounting each of said strings on
 11 said base plate and to raise raising and adjusting the tension of said strings from an
 12 un tensioned condition to a proper playing pitch including means for varying the
 13 spacing between said first and second critical points for changing the harmonic
 14 tuning, said mount ~~apparatus~~ to separate means for mounting each of said strings
 15 has a bridge element forming said second critical point and
 16 a string tensioning means on opposite side of said bridge element from
 17 said first critical point disposed in a variably spaced relation to said second critical
 18 point over which each of said strings extends,
 19 wherein said string tensioning means has a string holder element,
 20 said string holder element has a first portion closer to said second
 21 critical point and a second portion more remote from said second critical
 22 point,
 23 said string holder element includes a restricted interior portion
 24 located closest said first end,
 25 said string holder element means displaceable between a first
 limiting position closest said second critical point and a second limiting
 position more remote said second critical point,

11

1 said first end of said string holder element means in spaced relation
 2 from said second critical point in and between said first and second limiting
 3 positions,
 4 said restricted portion of string holder element holds said string
 5 anchoring portion wherein said string anchoring portion is located a critical
 6 distance from said second critical point such that said at least one string is
 7 rendered substantially inextensible between said second critical point and
 8 said string anchoring means in said first limiting position.

9 Claim 57 (Currently amended) An apparatus of claim 56 wherein said
 10 anchoring portion comprise wrappings and the length of said wrappings being
 11 slightly less than the distance between the second critical point and said string
 12 anchoring means.

13 Claim 58 (Currently Amended) A stringed musical instrument comprising:
 14 an elongated neck;
 15 a body attached to one end of the said neck,
 16 a fulcrum tremolo,
 17 a plurality of strings with a first end and a second end, said second end of
 18 said strings having an anchoring portion that is thicker than the diameter of said
 19 string,
 20 means for forming a first critical point for each of said strings on said neck,
 21 a ~~fulcrum tremolo~~, said fulcrum tremolo including bridge elements forming
 22 a support and a second critical point for at least one of said strings, ~~said fulcrum~~
 23 ~~tremolo including a base plate, said base plate being pivotally mounted about a~~
 24 ~~fulcrum axis extending transversely of said strings for changing the pitch of all~~
 25 ~~said strings at one time as said base plate is pivoted~~,
 means for varying the spacing between said first and second critical points
 for changing the harmonic tuning

1 a string anchor to means engaging said second end of said at least one of
2 said strings, said fulerum tremolo includes a base plate, said base plate being
3 pivotally mounted about a fulerum axis extending transversely of said strings for
4 changing the pitch of all said strings at one time as said base plate is pivoted,

5 a spring holder attachment means,
6 counter springs with a first end and a second end, said first end of said
7 counter springs connected to said body and said second end of said counter springs
8 secured to said spring holder attachment means for to counter balance the
9 tension of said of said at least one of said strings,

10 said base plate and said spring holder attachment means comprises an
11 unitary component formed from a single folded or bent plate material with a base
12 plate portion,

13 wherein the spring holder is formed into a and attachment means portion of
14 the unitary component so that said unitary component is connected directly to the
15 counterbiasing springs,

16 wherein said string anchor means is located in said spring holder attachment
17 means portion, said string anchor means comprises at least one string passageway
18 within said spring holder attachment means portion, said base plate portion
19 comprises string holes for threading said at least one of said strings and said at
20 least one string passageway is aligned to said openings in said base portion,
21

22 wherein the improvement comprises an alternate string anchoring means on
23 opposite side of at least one said second critical point from said first critical point
24 is located a critical distance from said second critical point such that said at least
25 one string is rendered substantially inextensible between said second critical point
and said string anchoring means.

22
23 Claim 59 (Currently amended) An apparatus of claim 58 wherein said
24 alternate string anchoring means further comprises:
25

1 a separate means for mounting each of said strings on said base plate to for
2 raising and 12 adjusting the tension of said strings from an un tensioned condition
3 to a proper playing pitch.
4 said separate mounting means includes a string tensioning means on opposite
5 side of said bridge element from said first critical point disposed in a veribly
6 spaced relation to said second critical point over which each of said strings
7 extends.
8 said string tensioning means has a string holder element,
9 said string holder element has a first portion closer to said second critical
10 point and a second portion more remote from said second critical point,
11 said string holder element includes a restricted interior portion located
12 closest said first end,
13 said string holder element means being displaceable between a first limiting
14 position closest said second critical point and a second limiting position more
15 remote said second critical point.
16 said first end of said string holder element means in spaced relation from
17 said second critical point in and between said first and second limiting positions,
18 said restricted portion of string holder element holds said string anchoring
19 portion wherein said string anchoring portion is located a critical distance from
20 said second critical point such that said at least one string is rendered substantially
21 inextensible between said second critical point and said string anchoring means in
22 said first limiting position.

23 Claim 60 (New) A stringed musical instrument comprising:
24 a body,
25 a string holder,
26 counter springs with a first end and a second end, said first end of said
27 counter springs connected to said body, and

1 a tremolo formed from a single bent plate material, the tremolo having a
2 base plate portion and having a spring holder portion, the tremolo
3 being connected directly to the counter springs.

4 Claim 61 (New) A stringed musical instrument of claim 60 wherein said
5 tremolo has at least one reinforcement brace arranged between said base plate
6 portion and said spring holder portion.

7 Claim 62 (New) A stringed musical instrument of claim 60 wherein said
8 tremolo is formed to create said at least one reinforcement brace.

9 Claim 63 (New) A stringed musical instrument of claim 60 wherein said
10 string anchor is located in said spring holder portion.

11 Claim 64 (New) A stringed musical instrument of claim 63 wherein said
12 base plate portion further comprises at least one string hole, said string holder
13 portion further comprises at least one string passageway, said at least one string
14 passageway is aligned to said at least one string hole for threading said at least one
15 string through said base plate portion.

16 Claim 65 (New) A stringed musical instrument of claim 64 wherein said
17 tremolo includes a global tuner.

18 Claim 66 (New) A stringed musical instrument of claim 60 wherein said
19 base plate portion is formed to create at least one tier for disphasig the height of at
20 least one bridge element relative to said body.

21 Claim 67 (New) A stringed musical instrument of claim 66 wherein said
22 tremolo including a bearing for adjustably mounting said tremolo on said body for
23 adjusting the height of at least one bridge element relative to said body.

1 pivotal displacement and said bearing comprises at least a portion of a ball bearing
2 surface.

3 Claim 68 (New) A stringed musical instrument of claim 66 wherein said
4 tremolo includes a macro-tuner.

5 Claim 69 (New) A stringed musical instrument of claim 66 wherein said
6 tremolo includes a global-tuner.

7 Claim 70 (New) A stringed musical instrument of claim 66 wherein said
8 tremolo includes a fulcrum tremolo.

9 Claim 71 (New) A stringed musical instrument of claim 70 wherein said
10 fulcrum tremolo further comprises a macro-tuner.

11 Claim 72 (New) A stringed musical instrument of claim 70 wherein said
12 fulcrum tremolo further comprises a global-tuner.

13 Claim 73 (New) A stringed musical instrument of claim 72 wherein said
14 fulcrum tremolo further comprises a bearing for adjustably mounting said fulcrum
15 tremolo on said body for pivotal displacement and said bearing further comprises
16 at least a portion of a ball bearing surface.

17 Claim 74 (New) A stringed musical instrument comprising:
18 a body;
19 a neck extending outwardly from said body;
20 a plurality of strings extending from said body to said neck, said strings
21 having a first end and a second end, and second end of said strings having an
22 anchoring portion that is thicker than the diameter of said string;

23 a first critical point for each of said strings on said neck;
24 a second critical point for each of said strings on a fulcrum tremolo;
25 and fulcrum tremolo includes a base plate, and
26 a string anchor to receive said string anchoring portion located on said base
27 plate, and
28 wherein at least one said string anchoring portion on opposite side of at
29 least one said second critical point from said first critical point is located a critical
30 distance from said second critical point such that said at least one string is
31 rendered substantially inextensible between said second critical point and said
32 string anchor.

33 Claim 75 (New) An apparatus of claim 74 wherein said anchoring portion
34 further comprise wrappings and the length of said wrappings being slightly less
35 than the distance between the second critical point and said string anchor.